

Substitute for form 1449/PTO
(Revised 04/2003)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Complete if Known

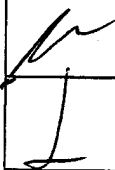
Application Number	(not yet assigned)
Filing Date	August 28, 2003
First Named Inventor	Mahajan et al.
Group Art Unit	(not yet assigned) 1636
Examiner Name	(not yet assigned)
Attorney Docket Number	035718/268745

Sheet 1 of 3

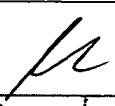
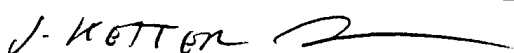
U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear



FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
	1	EP - 0 757 102 A1	02-05-1997	Plant Genetic Systems N.V.		
	2	WO - 97/06267	02-20-1997	Plant Genetic Systems N.V.		
Examiner Signature		J. Ketter		Date Considered	12/9/05	

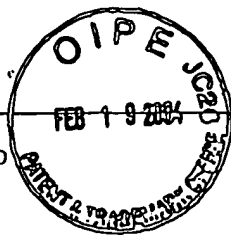
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				First Named Inventor	Mahajan et al.
				Group Art Unit	(not yet assigned) 1636
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Sheet	2	of	3	Attorney Docket Number	035718/268745
OTHER DOCUMENTS					
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	3	AMOR, et al., "The Involvement of Poly(ADP-ribose) Polymerase in the Oxidative Stress Responses in Plants," <i>FEBS Letters</i> , 1998, pp. 1-7, Vol. 440, Federation of European Biochemical Societies.			
	4	BABYCHUK, et al., "Zea mays mRNA for poly(ADP-ribose) Polymerase 321bp," EMBL ACCESSION NO. AJ222589, November 19, 1997.			
	5	BABYCHUK, et al., "Higher Plants Possess Two Structurally Different poly(ADP-ribose) Polymerases," <i>The Plant Journal</i> , 1998, pp. 635-645, Vol. 15(5), Blackwell Science Ltd.			
	6	BURTSCHER et al., "Isolation of ADP-Ribosyltransferase by Affinity Chromatography," <i>Analytical Biochemistry</i> , 1986, pp. 285-290, Vol. 152, Academic Press, Inc.			
	7	CHEN et al., "Poly(ADP-ribose) Polymerase in Plant Nuclei," <i>Eur. J. Biochem.</i> , 1994, pp. 135-154, Vol. 224, England.			
	8	GIROD et al., "Secondary Metabolism is Cultured Red Beet (<i>Beta vulgaris</i> L.) Cells: Differential Regulation of Betaxanthin and Betacyanin Biosynthesis," <i>Plant Cell Tissue Organ Cult.</i> , 1991, pp. 1-12, Vol. 25(1), Lab. Phytogenetique Cell., Lausanne, Switzerland.			
	9	HELLER et al., "Inactivation of the Poly(ADP-ribose) Polymerase Gene Affects Oxygen Radical and Nitric Oxide Toxicity in Islet Cells," <i>The Journal of Biological Chemistry</i> , 1995, pp. 11176-11180, Vol. 270(19), The American Society for Biochemistry and Molecular Biology, Inc.			
	10	IKEJIMA et al., "The Zinc Fingers of Human Poly(ADP-ribose) Polymerase Are Differentially Required for the Recognition of DNA Breaks and Nicks and the Consequent Enzyme Activation," <i>The Journal of Biological Chemistry</i> , 1990, pp. 21907-21913, Vol. 265(35), The American Society for Biochemistry and Molecular Biology, Inc.			
	11	KOFER et al., "Purification and Characterization of NAD ⁺ : ADP-Ribosyltransferase (Polymerizing) from <i>Dictyostelium Discoideum</i> ," <i>Biochem J.</i> , 1993, pp. 275-281, Vol. 293, Great Britain.			
	12	KÜPPER, et al., "Molecular Genetic Systems to Study the Role of Poly(ADP-ribosylation) in the Cellular Response to DNA Damage," <i>Biochimie</i> , 1995, pp. 450-455, Vol. 77, Elsevier.			
	13	LEPINIEC, et al., "A. thaliana PARP mRNA for PARP Protein," EMBL ACCESSION NO. Z48243, May 31, 1995.			
	14	LEPINIEC et al., "Characterization of an <i>Arabidopsis Thaliana</i> cDNA Homologue to Animal Poly(ADP-ribose) Polymerase," <i>FEBS Letters</i> , 1995, pp. 103-108, Vol. 364, Federation of European Biochemical Societies.			
Examiner Signature				Date Considered	12/9/95

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	(not yet assigned)
		Filing Date	(filed concurrently herewith)
		First Named Inventor	Mahajan et al.
		Group Art Unit	(not yet assigned) 1676
		Examiner Name	(not yet assigned)
Sheet 3 of 3	Attorney Docket Number	035718/268745	
OTHER DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
	15	MAHAJAN et al., "Purification and cDNA Cloning of Maize Poly(ADP)-Ribose Polymerase," <i>Plant Physiol.</i> , 1998, pp. 895-905, Vol. 118.	
	16	MAHAJAN et al., "Zea mays poly(ADP)-ribose polymerase (PARP1) mRNA, complete cds," EMBL ACCESSION NO. AF093627, November 30, 1998.	
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	18	SEMIONOV et al., "Inhibition of Poly(ADP-ribose)polymerase Stimulates Extrachromosomal Homologous Recombination in Mouse Ltk-Fibroblasts," <i>Nucleic Acids Research</i> , 1999, pp. 4526-4531, Vol. 27(22), Oxford University Press.	
	19	SHAH et al., "Review: Methods for Biochemical Study of Poly(ADP-Ribose) Metabolism in Vitro and in Vivo," <i>Analytical Biochemistry</i> , 1995, pp. 1-13, Vol. 227, Academic Press, Inc.	
	20	SIMBULAN-ROSENTHAL et al., "Depletion of Nuclear Poly(ADP-ribose) Polymerase by Antisense RNA Expression: Influence on Genomic Stability, Chromatin Organization, DNA Repair, and DNA Replication," <i>Prog. Nucleic Acid Res. Mol. Biol.</i> , 1996, pp. 135-156, Vol. 55, Chemical Abstracts, Columbus, Ohio, USA.	
	21	SIMBULAN-ROSENTHAL et al., "The Expression of Poly(ADP-ribose) Polymerase during Differentiation-Linked DNA Replication Reveals That It Is a Component of the Multiprotein DNA Replication Complex," <i>Biochemistry</i> , 1996, pp. 11622-11633, Vol. 35, American Chemical Society.	
	22	SMITH et al., "Tankyrase, a Poly (ADP-Ribose) Polymerase at Human Telomeres," <i>Science</i> , 1998, pp. 1484-1487, Vol. 282.	
	23	UEDA et al., "ADP-Ribosylation," <i>Ann. Rev. Biochem.</i> , 1985, pp. 73-100, Vol. 54, Annual Reviews, Inc.	
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25	WANG et al., "Mice Lacking ADPRT and Poly(ADP-ribosyl)ation Develop Normally But Are Susceptible to Skin Disease," <i>Genes and Development</i> , 1995, pp. 509-520, Vol. 9, Cold Spring Harbor Laboratory Press.		
Examiner Signature			Date Considered 12/9/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

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Application Number 10/650,425
Filing Date August 28, 2003
First Named Inventor Mahajan et al.
Group Art Unit ~~138~~ 1076
Examiner Name Not Assigned
Attorney Docket Number 035718/268745

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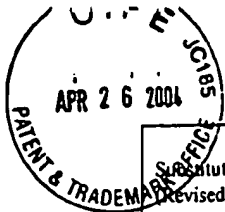
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<i>h</i>	26	AMÉ, J.C., et al., "PARP-2, A Novel Mammalian DNA Damage-dependent Poly (ADP-ribose) Polymerase," <i>J. Biol. Chem.</i> , June 18, 1999, pp. 17860-17868, Vo. 274, No. 25	

Examiner Signature	<i>J. KETTER</i>	Date Considered	12/9/05
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				First Named Inventor	Mahajan et al.	
				Group Art Unit	1638 1630	
				Examiner Name	Not Assigned	
				Attorney Docket Number	035718/268745	
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<i>h</i>	27	US-6,693,185 B2	02-17-2004	Babychuck et al.		
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Examiner Signature	<i>J. Kotton</i>	Date Considered	12/9/05
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